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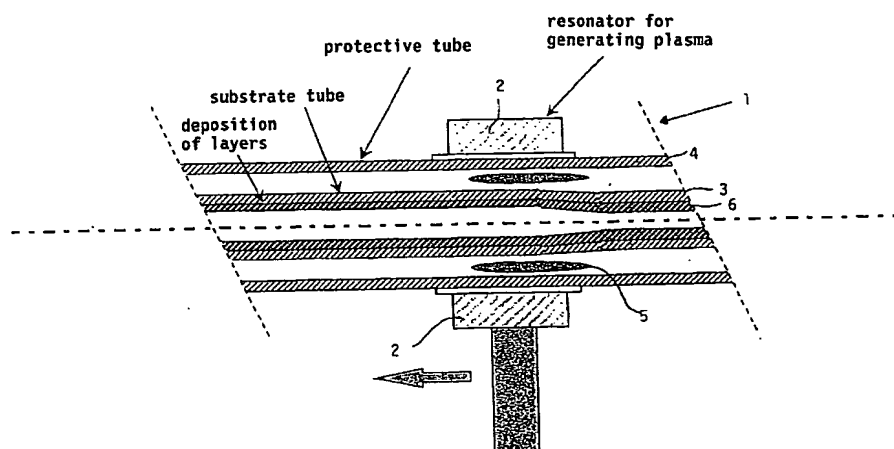
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(54) Title: **METHOD AND DEVICE FOR MANUFACTURING OPTICAL PREFORMS, AS WELL AS THE OPTICAL FIBRES OBTAINED THEREWITH**



(57) Abstract: The present invention relates to a method and a device for manufacturing optical preforms, in which one or more layers of glass, doped or undoped, are deposited onto the internal surface of a hollow substrate tube, which deposition is effected by supplying one or more reactive gas mixtures of glass-forming compounds to the interior of the hollow substrate tube and subsequently generating a non-isothermal plasma in the hollow substrate tube, after which the preform is subjected to a contraction process for the purpose of forming a massive rod, from which optical fibres are drawn.

WO 03/086998 A1

WO 03/086998 A1



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